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| Index of Claims  | Application/Control No. 09684706 | Applicant(s)/Patent Under Reexamination GELVIN ET AL. |
| | Examiner Scott M Sciacca | Art Unit 2446 |


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| 1 | 1 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 3 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 7 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 9 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 11 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 12 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 13 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 14 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 15 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 16 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 17 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 18 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 19 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 20 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 21 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 22 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 23 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 24 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 25 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 26 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 27 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 28 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 29 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 30 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 31 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 32 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 33 | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 34 | ✓ | ✓ | + | = | = | O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 35 | ✓ | ✓ | + | = | = | O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 36 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 36 | 37 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 38 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 39 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 40 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 41 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 42 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 43 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | 44 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | 45 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 46 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 47 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 48 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | 49 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | 50 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 51 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | 52 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 53 | 54 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | 55 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | 56 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | 57 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | 58 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | 59 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | 60 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 61 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61 | 62 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | 63 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 64 | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | 65 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 | 66 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | 67 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | 68 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | 69 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 70 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | 71 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | 72 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 71 | 73 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | 74 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | 75 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | 76 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | 77 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | 78 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | 79 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 80 | ✓ | ✓ | + | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 81 | ✓ | ✓ | + | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 82 | ✓ | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | 83 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 84 | ✓ | ✓ | + | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 85 | ✓ | ✓ | + | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 86 | O | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 87 | O | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 88 | O | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 89 | O | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 90 | ✓ | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 91 | ✓ | ✓ | + | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | 92 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 93 | O | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 94 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 95 | ✓ | ✓ | + | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 96 | ✓ | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 97 | ✓ | ✓ | + | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 98 | ✓ | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 100 | ✓ | ✓ | + | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | 101 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 102 | ✓ | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | 103 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 104 | ✓ | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 105 | ✓ | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 83 | 112 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | |
| 84 | 113 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | |
| 85 | 114 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | |
| 86 | 115 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | |
| 87 | 116 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | |
| 88 | 117 | ✓ | ✓ | + | = | = | ✓ | | | | | | | | |
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